

Sub D1
8. (Twice Amended) A method for determining and calibrating color display characteristics of a remote user's display so as to be able to provide color corrected images to the user over a network, comprising the steps of:

remotely calibrating the remote user's display by performing substeps of:

receiving a request at a server for characterizing the remote user's display;

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under control of said server, transferring images selected to assist with remote calibration of the remote user's display from said server to the remote user's display upon initiation of color display characterization, said server functioning to permit multiple image providers to provide color corrected images to the user for determining and calibrating color display characteristics of different displays;

processing information related to the user's interactions with the images to determine color display characteristics of the remote user's display; and

automatically notifying the user when a particular image being displayed is color corrected in accordance with said calibration.

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13. (Twice Amended) The method of claims 9 wherein:
the remote user is a client computer connected to a network.

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35. (Twice Amended) The method of claims 32, comprising the further step of:
adjusting images distributed by the image provider to the user in accordance with the characterization file.

Clean-copy Version of Claims

8. (Twice Amended) A method for determining and calibrating color display characteristics of a remote user's display so as to be able to provide color corrected images to the user over a network, comprising the steps of:

remotely calibrating the remote user's display by performing substeps of:

receiving a request at a server for characterizing the remote user's display;

under control of said server, transferring images selected to assist with remote calibration of the remote user's display from said server to the remote user's display upon initiation of color display characterization, said server functioning to permit multiple image providers to provide color corrected images to the user for determining and calibrating color display characteristics of different displays;

processing information related to the user's interactions with the images to determine color display characteristics of the remote user's display; and

automatically notifying the user when a particular image being displayed is color corrected in accordance with said calibration.

9. (Previously Amended) The method of claim 8, wherein the step of transferring images to the remote user's display upon initiation of color display characterization further comprises the step of:

transferring the images to the remote user's display before transferring information processing code to the remote user.

10. (Previously Amended) The method of claim 8, wherein the step of processing information related to the user's interactions with the images to determine color display characteristics of the remote user's display further comprises the step of:

processing the information at a server to determine color display characteristics of the remote user's display.

11. (Previously Amended) The method of claim 8, wherein the step of transferring images to a remote user's display further comprises the step of:

transferring the images to the remote user's display from a server.

12. (Previously Amended) The method of claim 11, wherein the step of processing information related to the user's interactions with the images to determine color display characteristics of the remote user's display further comprises the step of:

processing the information at the server to determine color display characteristics of the remote user's display.

13. (Twice Amended) The method of claims 9 wherein:

the remote user is a client computer connected to a network.

14. (Previously Amended) The method of claim 13, wherein the user's display is a monitor, a projector, a printer, or a plotter.

15. (Previously Amended) The method of claim 8, wherein the images comprise test images or test patterns.

16. (Previously Amended) The method of claim 13, wherein the step of transferring images to the remote user's display further comprises the step of:

selecting the images based on parameters including desired level of thoroughness of characterization, known hardware characteristics of the user, known software characteristics of the user, known characteristics of the network connection to the user, or characteristics of the images transferred to the user.

17. (Previously Amended) The method of claim 16, wherein the step of selecting the images based on parameters further comprises the step of:

selecting test images or test patterns based on the parameters.

18. (Previously Amended) The method of claim 17, wherein the step of selecting test images or test patterns based on the parameters further comprises the step of:

selecting the order in which the test images or test patterns are transferred to the user's display based on the parameters.

19. (Previously Amended) The method of claim 19, wherein the step of processing the information at the server to determine color display characteristics of the remote user's display further comprises the step of:

transferring to the server information related to image selection by the user in response to the images transferred by the server to the user's display.

20. (Previously Amended) The method of claim 19, wherein the step of transferring to the server information related to image selection by the user in response to the images transferred by the server to the user's display further comprises the step of:

transferring information indicative of test images or test patterns selected by the user from among alternative test images or test patterns, respectively, transferred by the server.

21. (Previously Amended) The method of claim 20, wherein the test images or test patterns selected by the user are selected by a person viewing the user's display.

22. (Previously Amended) The method of claim 20, wherein the test images or test patterns selected by the user are selected by a user calibrator.

23. (Previously Amended) The method of claim 22, wherein the user calibrator further comprises:

executable code running on a client computer connected to the server through a network to receive the images from the server and display the images on the user's display.

24. (Previously Amended) The method of claim 20, wherein the step of transferring images to the remote user's display further comprises the step of:

selecting the images based on the information indicative of test images or test patterns selected by the user.

25. (Previously Amended) The method of claim 24, wherein the step of selecting the images based on the information indicative of test images or test patterns selected by the user transferred to the server further comprises the step of:

selecting the order in which the images are transferred to the user's display.

26. (Previously Amended) The method of claim 12, further comprising the step of:
initiating color display characterization of the remote user's display in response to a request to the server.

27. (Previously Amended) The method of claim 26, wherein the step of initiating color display characterization of the remote user's display in response to a request to the server further comprises the step of:

initiating color display characterization of the remote user's display in response to a request from the remote user to the server.

28. (Previously Amended) The method of claim 26, wherein the request from the remote user to the server further comprises:

an indication of the remote user's desired level of thoroughness of characterization.

29. (Previously Amended) The method of claim 12, wherein the step of processing the information at the server to determine color display characteristics of the remote user's display further comprises the step of:

creating a user's display characterization file comprising the color display characteristics of the user's display.

30. (Previously Amended) The method of claim 29, wherein the step of processing the information at the server to determine color display characteristics of the remote user's display further comprises the step of providing an algorithm at the server to analyze the information to determine the color display characteristics of the user's display.

31. (Previously Amended) The method of claim 30, wherein the algorithm further comprises:

executable code running on a server computer to execute the algorithm.

32. (Previously Amended) The method of claim 29, comprising the further step of: providing the characterization file to the user.

33. (Previously Amended) The method of claim 29, comprising the further step of: providing the characterization file to an image provider.

34. (Previously Amended) The method of claim 29, wherein:
the image provider is the server.

35. (Twice Amended) The method of claims 32, comprising the further step of:
adjusting images distributed by the image provider to the user in accordance with the characterization file.

36. (Previously Amended) The method of claim 35, wherein the step of adjusting images in accordance with the characterization file further comprises the step of:
color correcting the images in accordance with the characterization file.

37. (Previously Amended) The method of claim 12, wherein the step of transferring images to the remote user's display from a server further comprises the step of:

providing a characterization program on the server to transfer images to the user's display.

38. (Previously Amended) The method of claim 37, wherein the characterization program further comprises:

executable code running on a server computer connected to a network to transfer images to the user's display.

39. (Previously Amended) The method of claim 37, wherein the step of providing a characterization program further comprises the step of:

providing a characterization program to select the images based on parameters including desired level of thoroughness of characterization, known hardware characteristics of the user, known software characteristics of the user, known characteristics of the connection to the user, or characteristics a-f the images provided to the user.

40. (Previously Amended) The method of claim 39, wherein the step of providing a characterization program further comprises the step of:

providing a characterization program to select the order in which the images are provided to the user for display on the user's display based on the parameters.

41. (Previously Amended) The method of claim 37, wherein the step of providing a characterization program further comprises the step of:

providing a characterization program to receive information from the user related to image selection by the user in response to the images transferred to the user's display.

42. (Previously Amended) The method of claim 41, wherein the step of providing a characterization program further comprises the step of:

providing a characterization program to transfer images to the user's display based on the selection information received from the user.

43. (Previously Amended) The method of claim 37, wherein the step of providing a characterization program further comprises the step of:

providing a characterization program to create a user's display characterization file comprising the color display characteristics of the user's display.

44. (Previously Amended) The method of claim 43, wherein the step of providing a characterization program to create a user's display characterization file further comprises the step of:

providing a characterization program including an algorithm to analyze the selection information received from the user to determine the color display characteristics of the user's display.

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